

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
 Data File : BN003353.D
 Acq On : 30 Oct 2018 03:44
 Operator : MJ/SJ
 Sample : J5692-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ144I-20181025

Quant Time: Oct 30 06:47:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

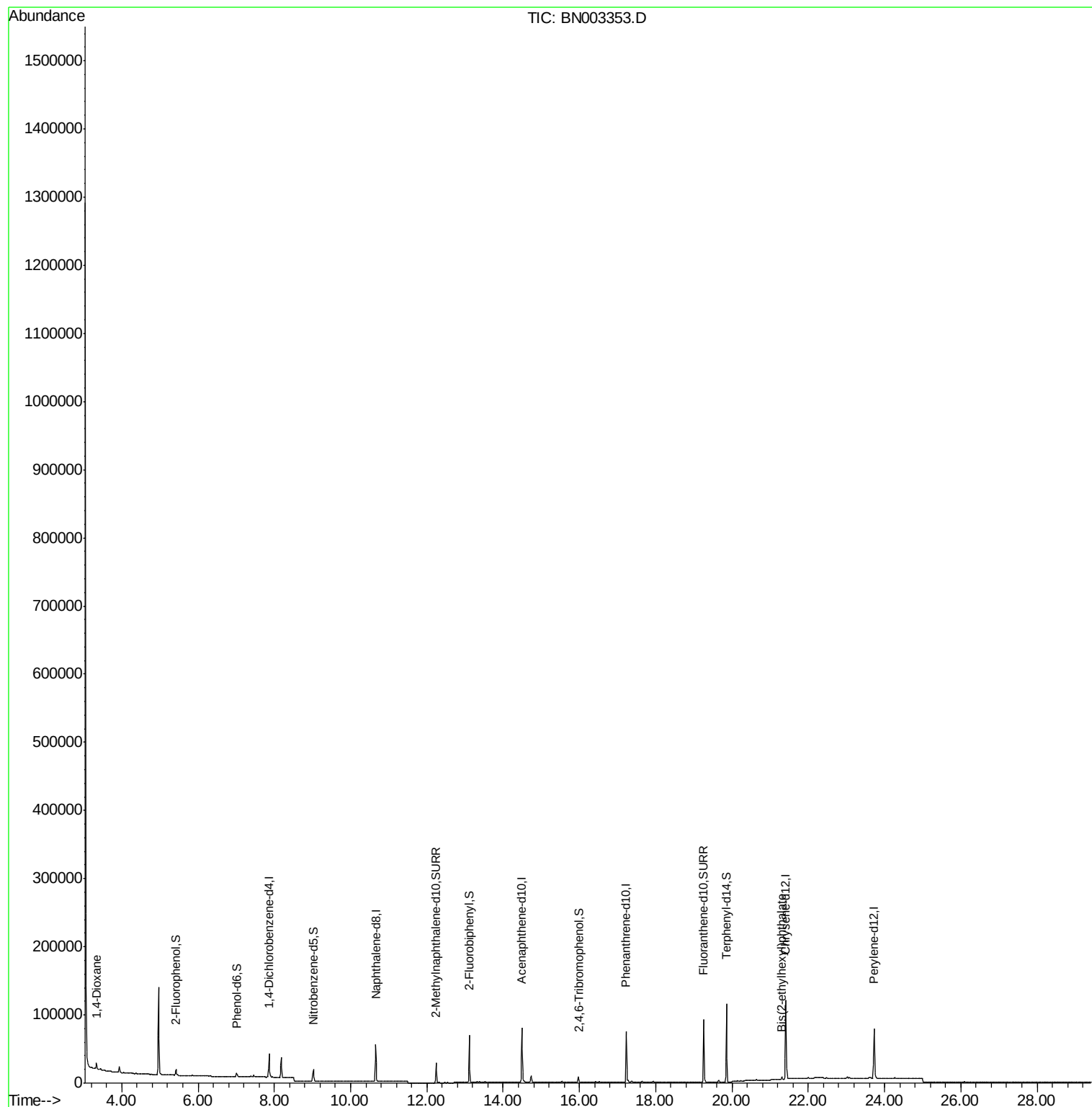
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	16855	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	72617	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	45176	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	105710	0.40	ng	-0.01
27) Chrysene-d12	21.41	240	115998	0.40	ng	-0.01
34) Perylene-d12	23.73	264	101353	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	6630	0.16	ng	0.00
5) Phenol-d6	7.01	99	4856	0.09	ng	0.00
8) Nitrobenzene-d5	9.02	82	14330	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	39432	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	6561	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	67178	0.35	ng	-0.01
25) Fluoranthene-d10	19.26	212	101169	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	113134	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	5924	0.271	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.31	149	4042	0.045	ng	# 98

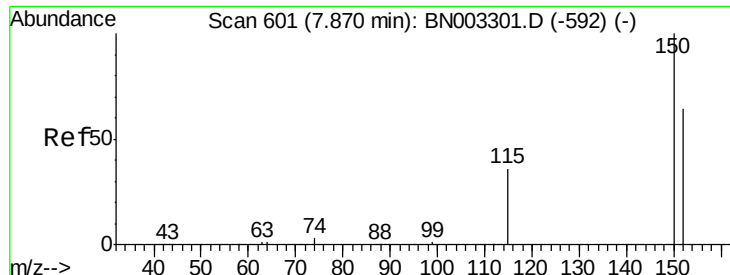
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

Lab File: BN003353.D

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Instrument :

BNA_N

ClientSampleId :

SA-PZ144I-20181025

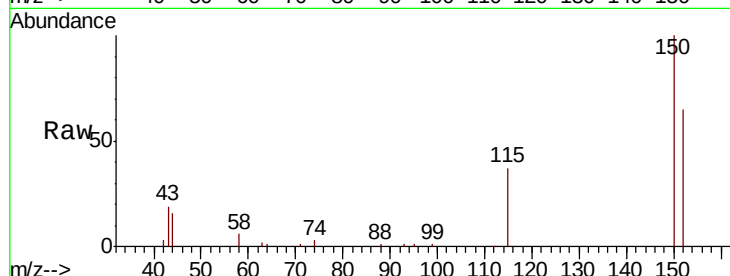
Tgt Ion:152 Resp: 16855

Ion Ratio Lower Upper

152 100

150 153.5 124.6 187.0

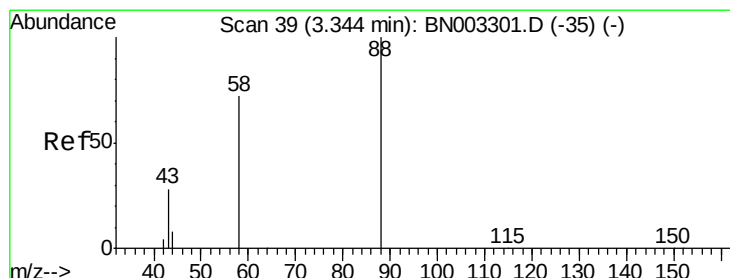
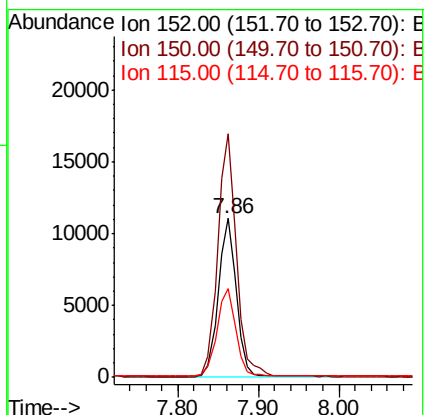
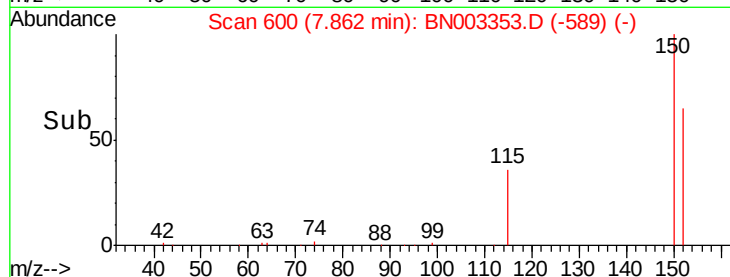
115 56.2 46.4 69.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.271 ng

RT: 3.34 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

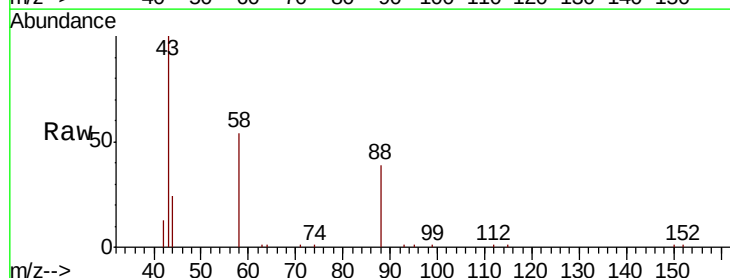
Tgt Ion: 88 Resp: 5924

Ion Ratio Lower Upper

88 100

58 82.1 60.9 91.3

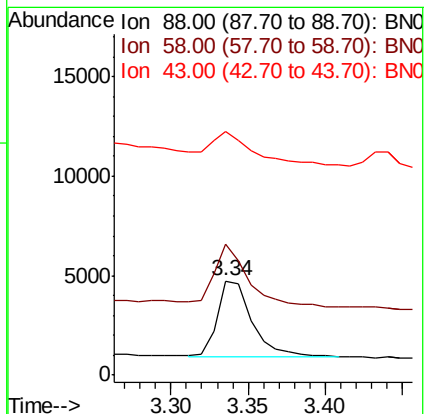
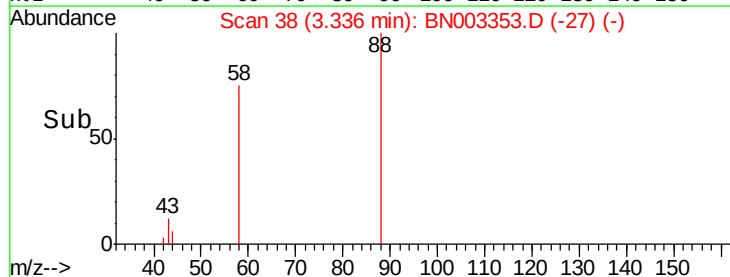
43 50.5 23.9 35.9#

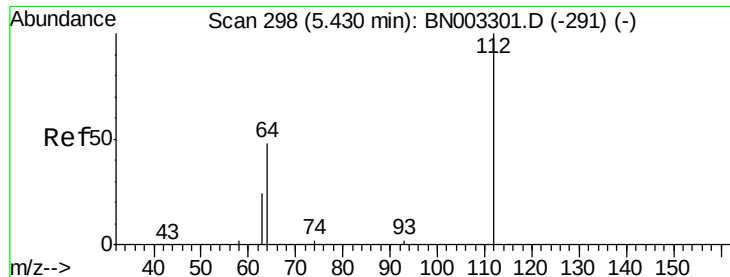


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ144I-20181025

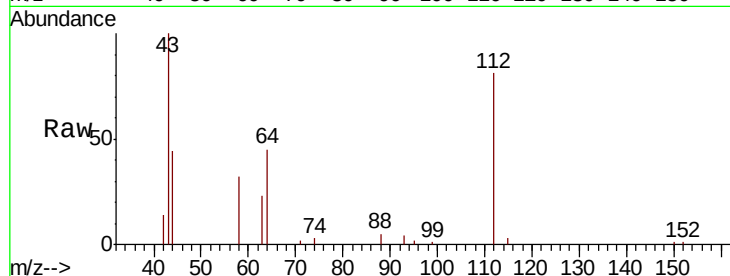
Tgt Ion: 112 Resp: 6630

Ion Ratio Lower Upper

112 100

64 54.3 44.3 66.5

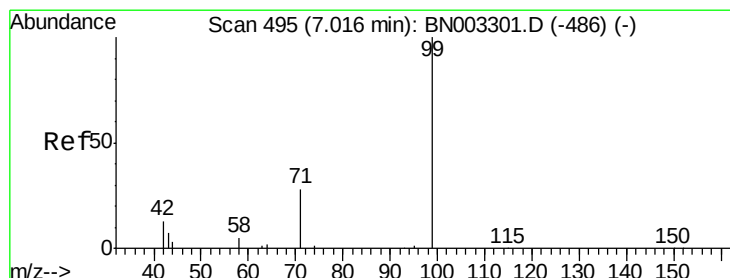
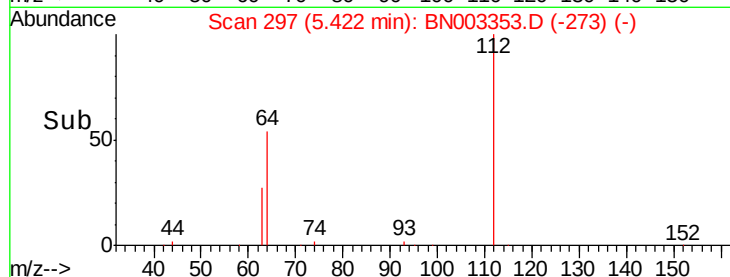
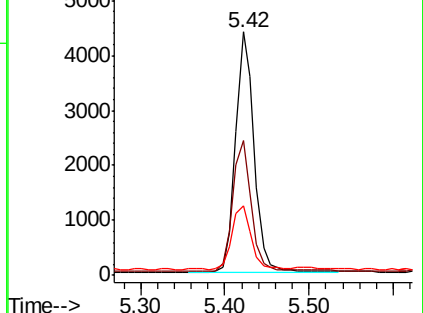
63 27.2 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.092 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

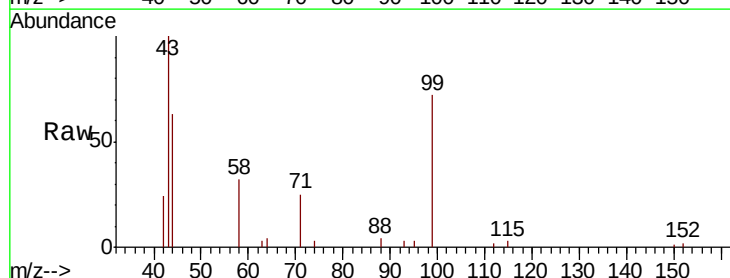
Tgt Ion: 99 Resp: 4856

Ion Ratio Lower Upper

99 100

42 24.0 14.8 22.2#

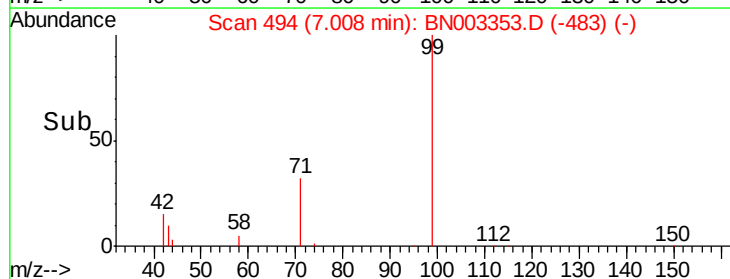
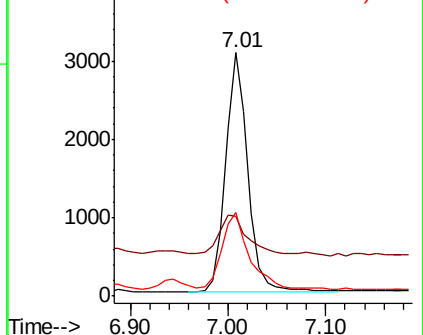
71 38.6 24.8 37.2#

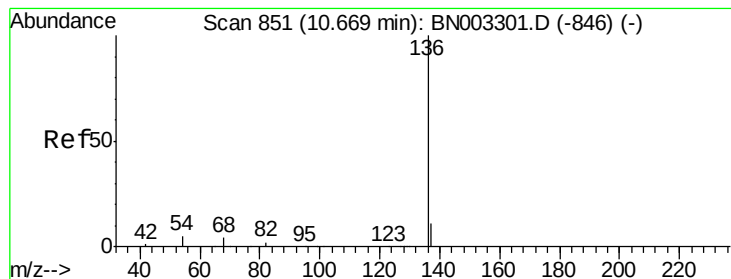


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ144I-20181025

Tgt Ion:136 Resp: 72617

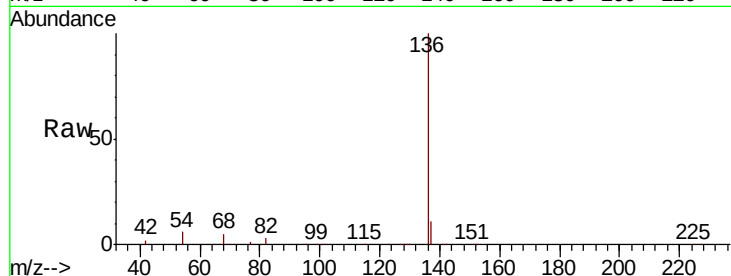
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.2 4.1 6.1#

68 5.2 3.5 5.3

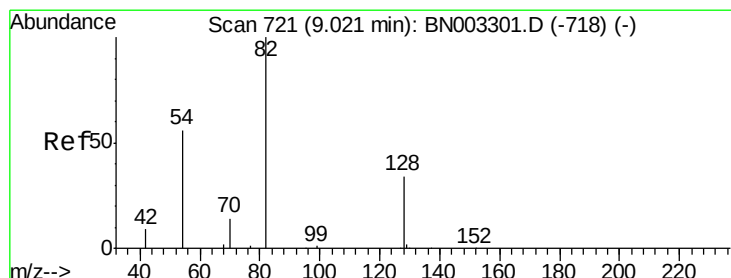
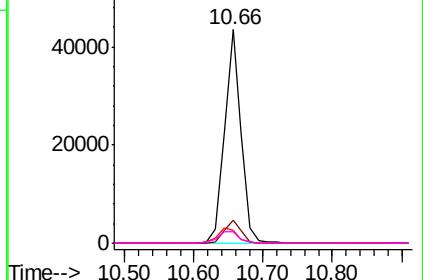
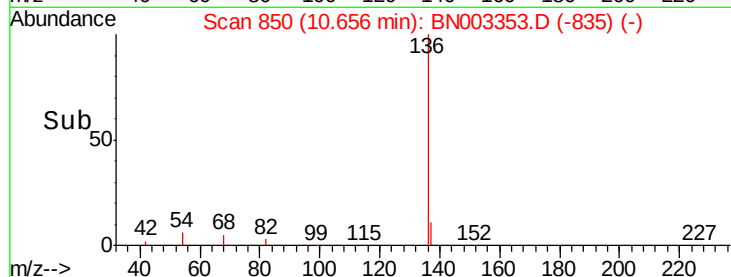


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.451 ng

RT: 9.02 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

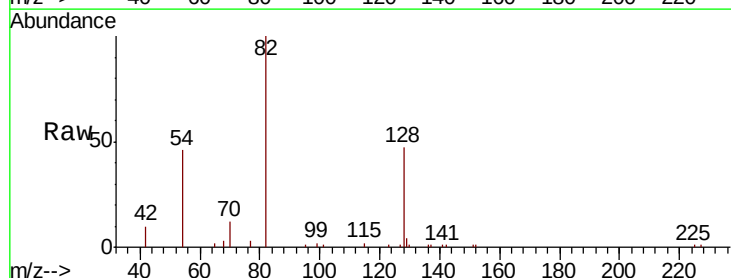
Tgt Ion: 82 Resp: 14330

Ion Ratio Lower Upper

82 100

128 46.8 28.9 43.3#

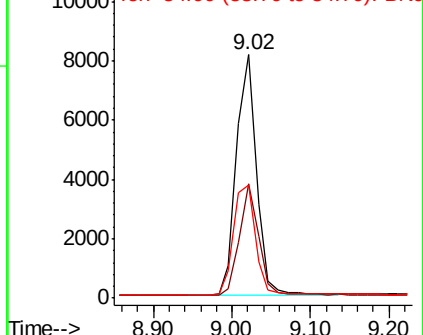
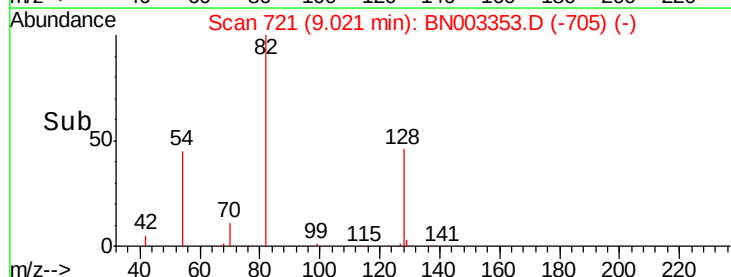
54 46.3 46.1 69.1

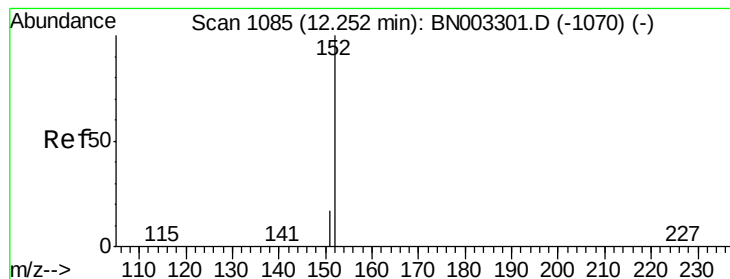


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 12.24 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :

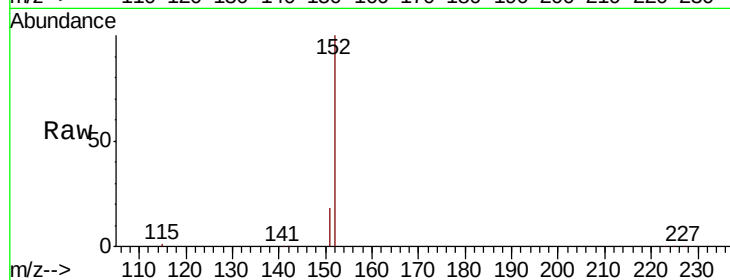
SA-PZ144I-20181025

Tgt Ion:152 Resp: 39432

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.24

25000

20000

15000

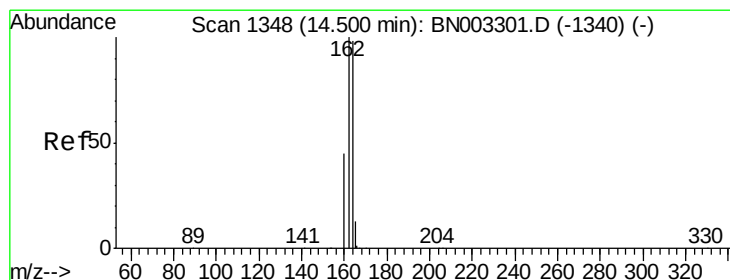
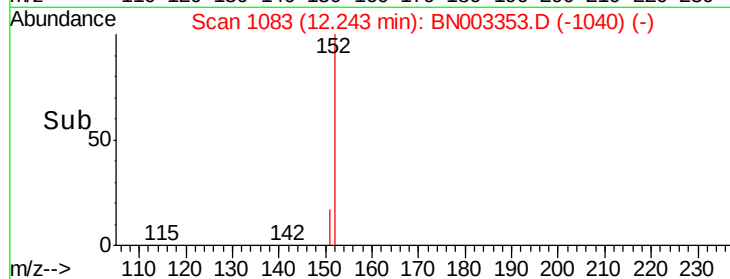
10000

5000

0

Time-->

12.10 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

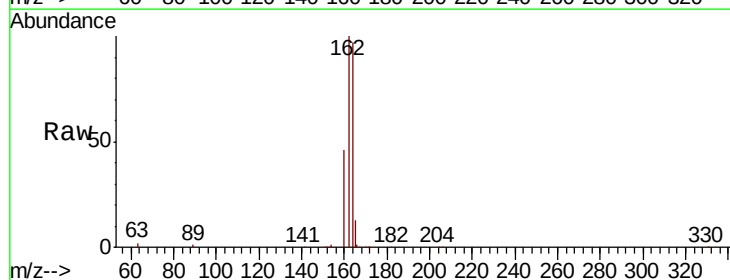
Tgt Ion:164 Resp: 45176

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 47.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.49

40000

30000

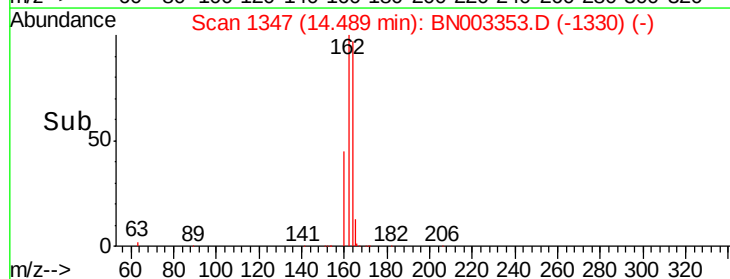
20000

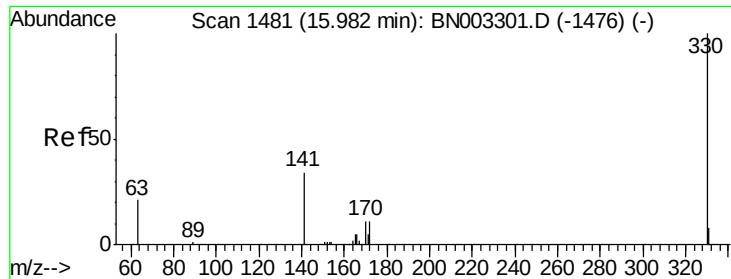
10000

0

Time-->

14.40 14.50 14.60

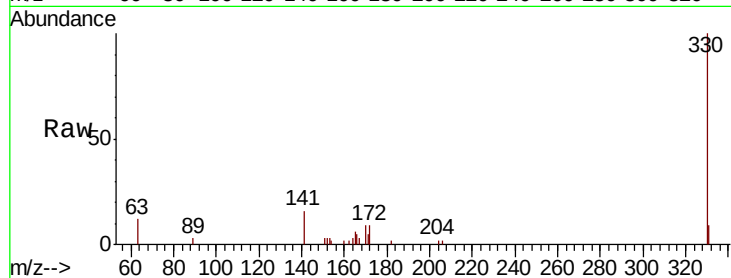




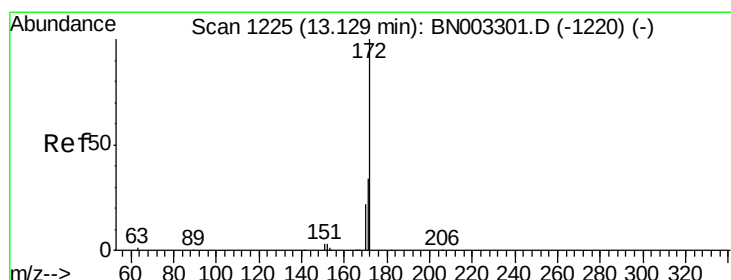
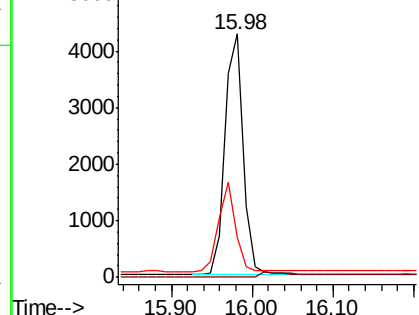
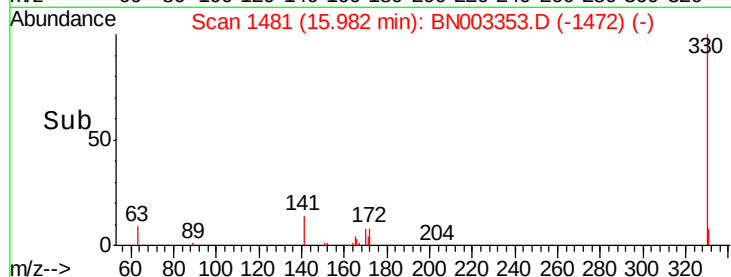
#14
 2,4,6-Tribromophenol
 Concen: 0.365 ng
 RT: 15.98 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BN003353.D
 Acq: 30 Oct 2018 03:44

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ144I-20181025

Tgt Ion: 330 Resp: 6561
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.3 28.3 42.5

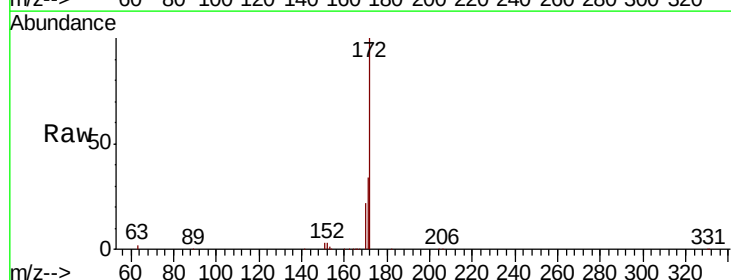


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

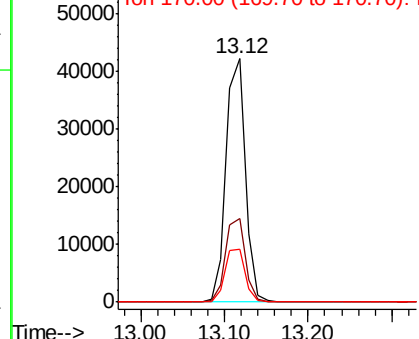
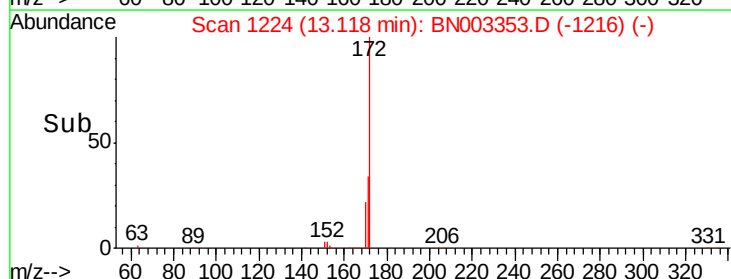


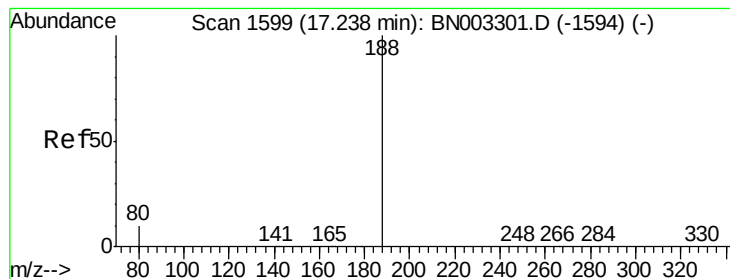
#15
 2-Fluorobiphenyl
 Concen: 0.346 ng
 RT: 13.12 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BN003353.D
 Acq: 30 Oct 2018 03:44

Tgt Ion: 172 Resp: 67178
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.1 40.7
 170 21.6 17.4 26.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ144I-20181025

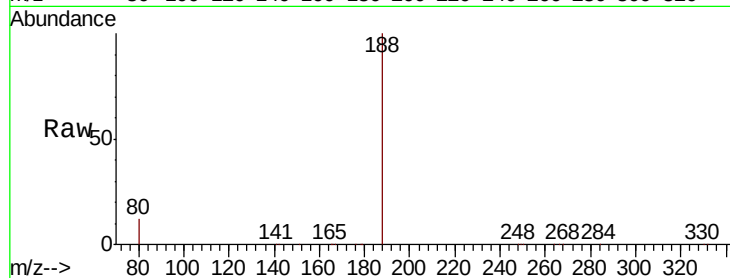
Tgt Ion:188 Resp: 105710

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

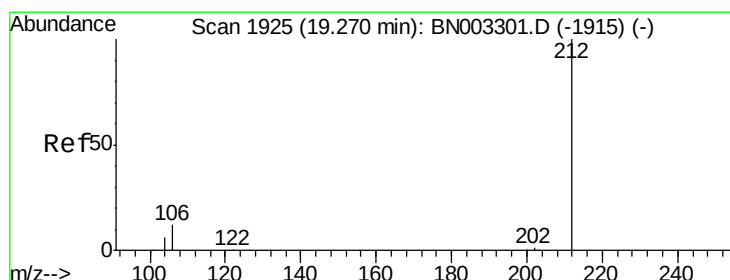
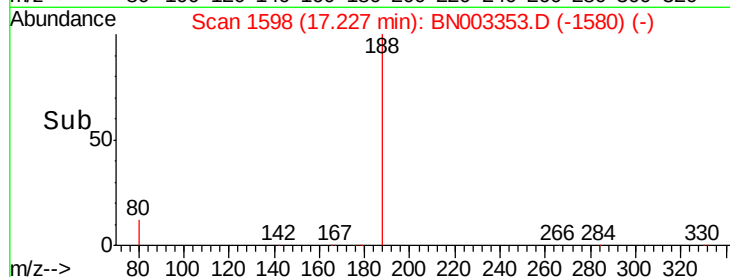
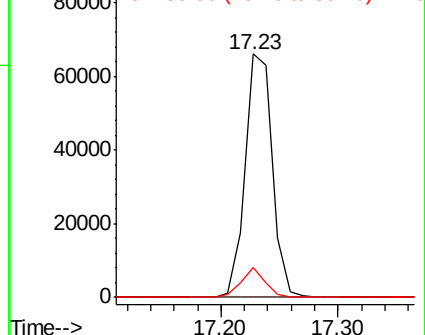
80 12.0 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.26 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

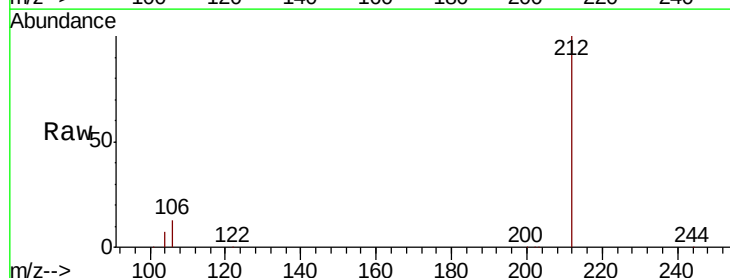
Tgt Ion:212 Resp: 101169

Ion Ratio Lower Upper

212 100

106 12.8 10.3 15.5

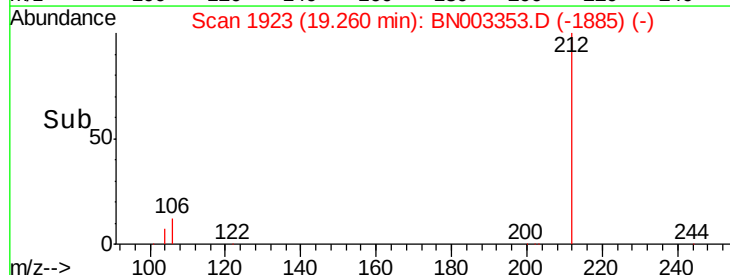
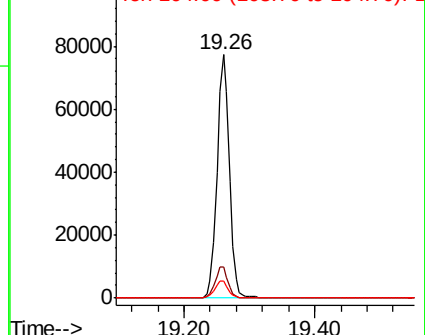
104 7.1 5.6 8.4

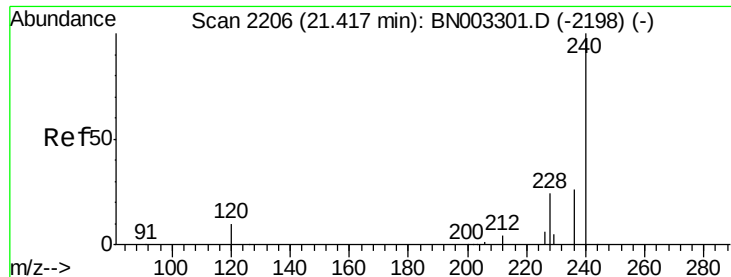


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BN003353.D

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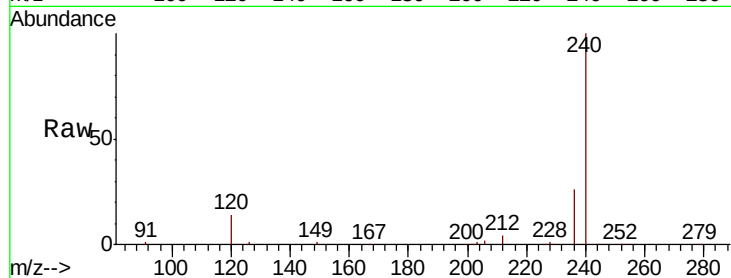
Tgt Ion:240 Resp: 115998

Ion Ratio Lower Upper

240 100

120 13.9 9.3 13.9

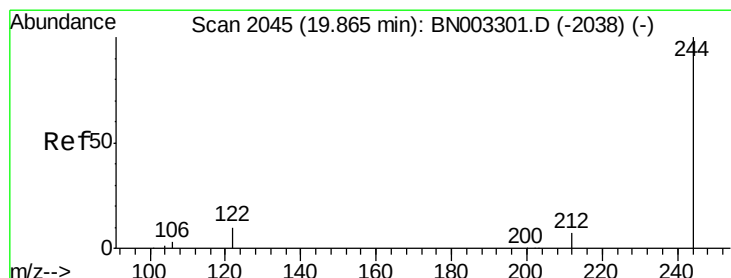
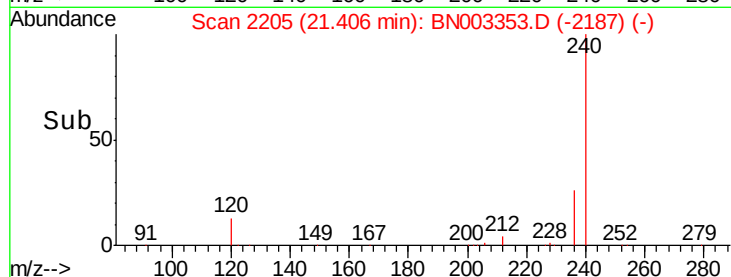
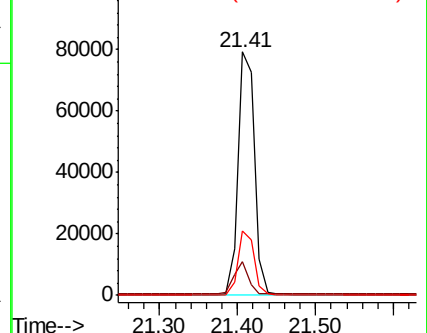
236 26.5 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.419 ng

RT: 19.86 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

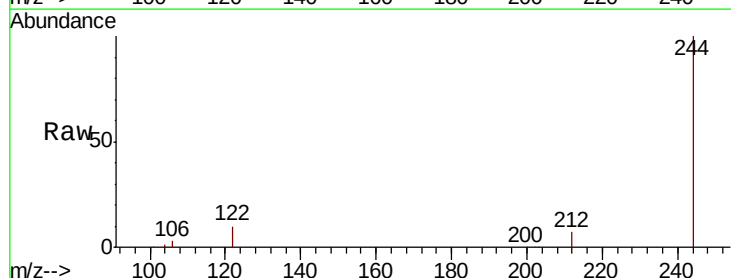
Tgt Ion:244 Resp: 113134

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

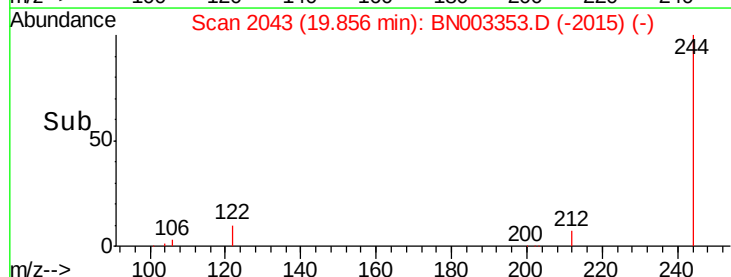
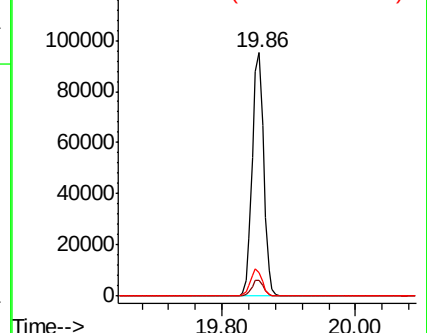
122 9.8 8.5 12.7

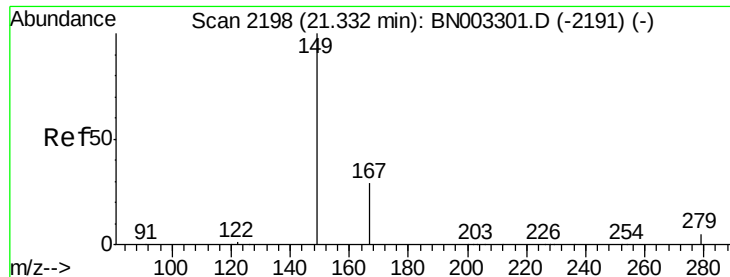


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

Instrument :

BNA_N

ClientSampleId :

SA-PZ144I-20181025

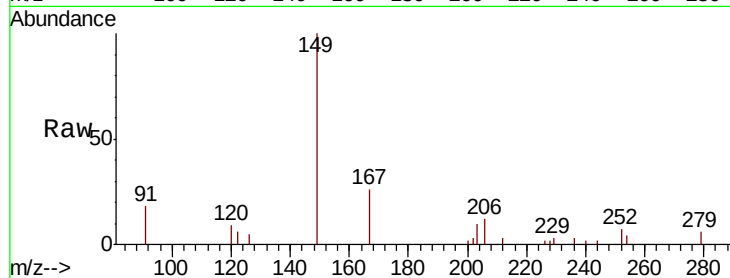
Tgt Ion:149 Resp: 4042

Ion Ratio Lower Upper

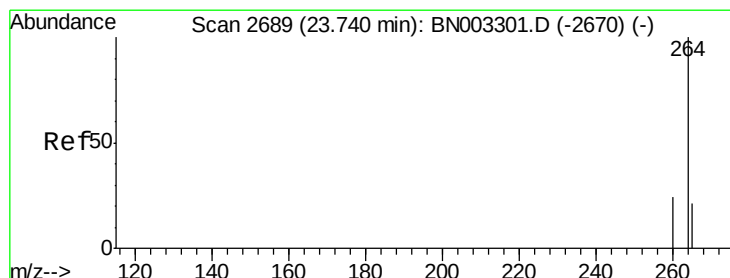
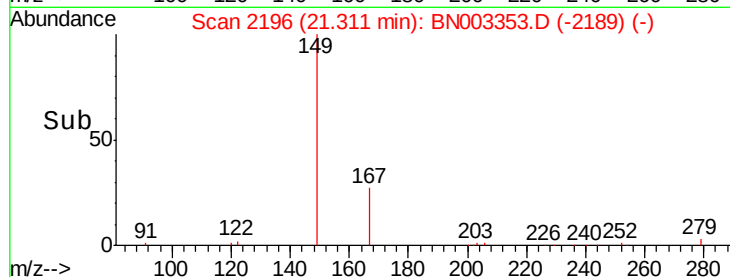
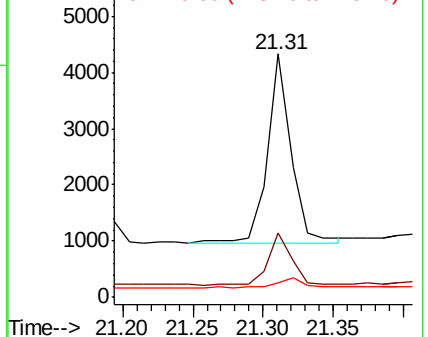
149 100

167 27.0 22.4 33.6

279 6.3 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BN003353.D

Acq: 30 Oct 2018 03:44

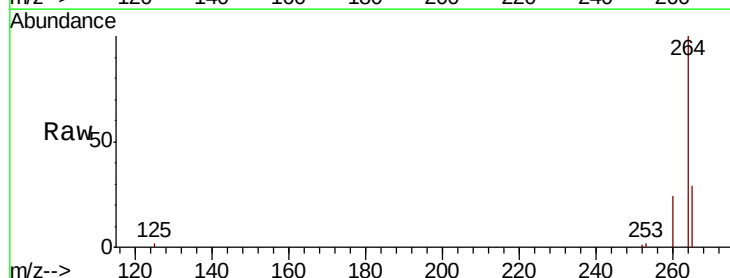
Tgt Ion:264 Resp: 101353

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 29.5 26.4 39.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

